

The Action of Antibiotics and Sulfanilamides on
Transaminase in Animal Tissues, by V. M. Topol'berg.
4pp
RUSSIAN, per, Antibiotiki, Vol V, No 2, 1960, pp 83-85.

ATS RJ-4178

Sci Biol & Med Sci.
Dec 63

244,887

The Effect of Phosphates on the Antibacterial
Activity of Crystallomycin and Azyphomycin in
Vitro and the Titration Methods for These Anti-
biotics in the Organs and Urine of Animals, by
I. A. Kurat.
RUSSIAN, per, Antibiotiki, Vol 5, No 2, 1960.
pp 88-91.
HEM NIK
10-1-68

Sci-B and E
Jan 69

371.722

60th Birthday of M. A. Guberniyev,
RUSSIAN, per, Antibiotiki, No 2, 1960, p 125.

*JPRS

USER

Bio

22 Dec 60

THE PRODUCTION OF MONOMYCIN - A NEW ANTIBIOTIC -
BY THE CULTURE OF ~~ACTINOMYCES~~ CIRCULATUS
MONOMYCINI, BY G. F. GAUZE, T. P. PREOBRAZHenskAYA,
5 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL V, NO 4, 1960,
PP3-6. 9089939

NIH 6-51-62

SCI - CHEM

208,789

AUG 62

ISOLATION OF MONOMYCIN AND ITS PROPERTIES, BY
M. G. BRAZHNIKOVA, M. K. KUDINOVA, 4 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL V, NO 4, 1960,
PP 6-10. 9089500

NIH 6-52-62

SC - CHEM

208,790

AUG 62

Chemical Study of Phenoxymethylpenicillin. Part 6.
Preparation and Properties of β -Phenoxymethylpenilloi-
namide of Phenoxymethylpenicilloic Acid, by ~~xxxxxxx~~
A. S. Imoklov, E. V. Kachalina. 6 pp.

RUSSIAN, per, Antibiotiki, Vol V, No 5, 1960, pp 41-44

AMS RJ-4182

Sci. Biol. & Med. Sci.
Dec 61

244,898

Talyzina, V. A. ON THE POSSIBLE USE OF VARIOUS TUMOR SUS- PENSIONS IN THE SELECTION OF ANTI-TUMOR ANTIBIOTICS BY THE ARAI AND SUDZUKI METHOD (O Vozmozhnosti Ispol'zovaniya Vzvesey Razlichnykh Opukholey pri Otbore Protivopukholevykh Antibiotikov po Metody Arai i Sudzuki). [1961] 3p. 2 refs. Order from LC or SLA ml\$1.80, ph\$1.80 61-10430 Trans. of *Antibiotiki (USSR) 1960, v. 5, no. 5, p. 52-53.	61-10430 1. Tissues (Biology)--Culture 2. Neoplasms--Therapy 3. Antibiotics--Development 1. Talyzina, V. A 148,508 Office of Technical Services (Biological Sciences--Pharmacology, TT, v. 5, no. 7)
---	---

(SF-1526)

Conference on the Systematization of Actinomycetes,
Antibiotic Producers, by V. D. Kuznetsov, 6 pp.

RUSSIAN, per, Antibiotiki, Vol V, No 6, 1960,
pp 114-116.

JPRS 4502

Sci - Med

Apr 61

147,357

Zaitseva, Z. M. and Mikhailova, G. R.
INFLUENCE DE L'INTRODUCTION DANS LE MILIEU
DE PHOSPHORE MINÉRIAL SUR LE DÉVELOPPEMENT
DE ACT. RIMOSUS (Effect of Phosphorus on the deve-
lopment of Actinomyces Rimosus). 13p. 15refs.
CNRS-XXI 2961

Order from OJS, ETC or CNRS \$1.60 TT-62-28890

Trans. in French of Antibiotiki (USSR) 1961, v. 6,
no. 1, p. 20-25.

DESCRIPTORS: *Actinomyces, Culture media, Phos-
phates, *Tetracyclines, *Antibiotics, Production.

(Biological Sciences--Pharmacology, TT, v. 11, no. 7)

TT 62-28890

- I. Zaitseva, Z. M.
- II. Mikhailova, G. R.
- III. CNRS-XXI 296
- IV. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

Synthetic Antimicrobial Materials with an
Activity Similar to the One of Antibiotics,
by M.N.Rotmistrov and G.V.Kulik.
RUSSIAN, per, Antibiotiki, Vol.6, No.2,
pp.111-115, 1961.
SLA-TT-66-11632

Aug 66

309,232

Tebyakina, A.E. and Druzhinina, E.N.
STABILITÉ DES ANTIHIOTIQUES DE LA SÉRIE DES
TETRACYCLINES DE LEURS DIVERS SELS ET DES
FORMES PHARMACEUTIQUES (Stability of the Tetra-
cycline Antibiotics, of Their Salts and Medicinal
Preparation), 17p, 9refs, CNRS-XXI 298.
Order from OTS, ETC or CNRS \$1.60 TT-62-28903

Trans. in French of 'Antibiotiki (USSR) 1961, v.6,
no.2, p.178-185.

DESCRIPTORS: Tetracyclines, Antibiotics, Stability,
Biological assay.

(Biological Sciences--Pharmacology, TT, v. 11, no. 7)

TT-62-28903

- I. Tebyakina, A.E.
- II. Druzhinina, E.N.
- III. CNRS-XXI 298
- IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

(77-00000)

Conference of the Experimental Study and Clinical
Application of Pyrogenol, by Kh. Kh. Planchet,
7 pp.

RUSSIAN, per, Antibiotiki, Vol VI, No 4, 1961,
pp 374-377.

JPRS 10167

172,638

Sci. Med.
Oct 61

Experimental Data on the Effect of Antibiotics
on Certain Manifestations of Acute Radiation
Pathology, by Ye. G. Dolgov, 9 pp.

RUSSEIAN, Antibiotiki, Vol. VI, No 5,
1961, pp 402-405. 9676732

FTD-TT-62-144

Sci. Med.

196, 489

23 May 62

The Present Status of the Study of Polymyxins
and Related Antibiotics, by S. M. Mamiofe,
Z. T. Sinitsyna.
RUSSIAN, per, Antibiotiki, Vol VI,
1961, pp 552-561.
SLA TT-64-18631

Sci-Jan 67

317,895

A Study of the Methods of Synthesis of Tetra-
cyclines, by Ya. A. Arbuзов.

RUSSIAN, per, Antibiotiki, Vol VI, No 7, 1961,
pp 585-594.

ATS RJ-1273

Sci-Biol & Med Sci
1st 63

244, 892

Utilization of Act. Rimosun, Mutants for the
Study of Oxytetracycline Synthesis, by S. Z.
Kintlin.

RUSSIAN, per, Antibiotiki, Vol. VI, No 7, 1961,
pp 523-525.

ATS RJ-4176

Sci-Mol & Med Sci
Dec 63

244,894

Some Physiological Peculiarities of Inactive
Mutants of Act. Rimosus, The Producer of Oxy-
tetracycline, by N. V. Orlova.

RUSSIAN, per, Antibiotiki, Vol VI, No 7, 1961,
pp 629-635.

ATS RJ-4175

Sci-Biol & Med Sci
Dec 63

244,893

Doskochilova, D. and Vondrachek, M.
MICROMETHODS FOR THE IDENTIFICATION AND
THE INVESTIGATION OF ANTIBIOTIC MATERIALS
FROM ACTINOMYCETAE: CHROMATOGRAPHIC AND
ELECTROPHORETIC METHODS. [1962] 21p. (7 figs.,
refs. Eng. summary omitted).

Order from OTS or SL, \$2.60

62-14590

Trans. of #Antibiotiki (USSR) 1961, v. 6, no. 7,
p. 649-659.

DESCRIPTORS: Microchemistry, *Identification, *Anti-
biotics, *Actinomycetes, *Chromatographic analysis,
*Electrophoresis, Microanalysis.

(Biological Sciences--Biochemistry, TT, v. 8, no. 7)

62-14590

- I. Doskochilova, D.
- II. Vondrachek, M.
- III. Title: Chromatographic ...

Office of Technical Services

Radiation Sterilization of Antibiotics. Part 2.
Main Prerequisites of the Use of Nuclear Radiation
in the Sterilization of Antibiotics. Choice of
Radiation Sources and Investigation Subjects, by
Z. V. Kuznetsova.

RUSKIN, per, Antibiotiki, Vol VI, No 10, 1961,
pp 904-908.

ATS RJ-4133

Sci - Biol & Med Sci
Dec 63

244,889

Ivanov, K. K., Gavrilina, G. V. and others.
AERATION ET RESPIRATION DES ACTINOMYCETES
ET DES PROACTINOMYCETES, PRODUISANT LES
ANTIBIOTIQUES DANS LES FERMENTATEURS, EN
FONCTION DES MODIFICATIONS BIOCHIMIQUES
DANS LE MILIEU NUTRITIF (Aeration and Respiration
of Actinomycetes and Proactinomycetes, Producing the
Antibiotics in the Fermentatives, to take up Biochemical
Modifications in the Nutritious Atmosphere). 15p.
(foreign text included) 16 refs. FR-3174 (text in
French).

Order from OTS or ETC \$1.85 62-26161

Trans. in French of Antibiotiki (USSR) 1961, v. 6,
p. 984-988.

DESCRIPTORS: *Antibiotics, *Biochemistry,
Nutrition, Respiration, Oxygen consumption.

(Biological Sciences - Biochemistry, TT, v. 9, no. 8)

62-26161

- I. Ivanov, K. K.
- II. Gavrilina, G. V.
- III. FR-3174
- IV. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

(NY-6947)

THE DETOXYFYING AND DISINTOXICATION PROPERTIES
OF MYCERIN WITH RESPECT TO BOTULINUS AND STAPHYLOCO-
CCAL TOXINS, BY V. N. DERKACH, 6 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VI, NO 11,
1961, PP 1006-1009.

JMPRS 12924

SCI - CHEM
MAR 62

185,666

PHARMACOLOGICAL PROPERTIES OF THE ANTIBIOTIC
AURANTIN, BY O. SH. DZHEKSENBAYEV, N. A. OZERETSKOVSKIY,
5 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VI, NO 12, 1961, PP 1070-1073. 9089258

NIH 6-47-62

SCI - CHEM

208,785

AUG 62

(SF-2186)

Results of a Preliminary Evaluation of New
Anti-Tumor Antibiotics on Various Transplant-
able Tumors of Animals, by V. A. Shorin,
V. A. Ignashenko, 5 pp.

RUSSIAN, per, Antibiotiki, Vol VII, No 1,
1962, pp 27-31.

JPRS 13141

Sci - Med
Apr 62

189,323

Olivomycin, a New Antibiotic Produced by
Actinomyces Olivoreticuli, by G. F. Gauze,
R. S. Ukhovskii.

RUSKIN, per, Antibiotiki, Vol VII, No 3, 1962,
pp 34-38.

NDI 10-12-62

Sci - Med

Dec 62

218,887

The Isolation, Purification and Study of Certain
Physicochemical Properties of the New Antibiotic
Olivomycin, by M. G. Buzanilova, Ye. B. Kraglyak.

RUSSIAN, per, Antibiotiki, Vol VIII, No 3, 1962,
pp 39-44.

NIK 10-14-62

Bol - Med

218,889

Dec 62

Histopathological Changes in the Organs of Animals
After Administration of the Antibiotic Olivomycin,
by I. P. Balova, V. B. Muraveyskaya, 9 pp.

RUSSIAN, per, Antibiotiki, No 3, 1962, pp 57-59.
9200739

NIK 11-6-62

Sci - Med

Jan 63.

220,084

Tebyakina, A. E., Inozemtseva, I. I., and others.
SELS DE TETRACYCLINES DE LA PHENOXY-METH-
YLPENICILLINE (Salts of Tetracyclines of Phenoxy-
Methyl-Penicillin). 11p. 11 refs. FR-3175 (text in
French).

Order from OTS or ETC \$1.85 62-26186

Trans. in French of #Antibiotiki (USSR) 1962, v. 7,
p. 109-112

DESCRIPTORS: *Penicillin, Phenoxy radicals,
methanes, Salts, *Antibiotics.

(Biological Sciences--Biochemistry, TT, v. 9, no. 8)

62-26186

- I. Tebyakina, A. E.
- II. Inozemtseva, I. I.
- III. FR-3175
- IV. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

PB-

The Characteristics of Three Strains of
Actinomycete Producers of New Antibiotics

RUSSIAN, per, Antibiotiki, No. 4, 1962

pp. 312-317.

*CFSTI TT 70-57134

Sci/asm
Mar 70

62-18749

Talg, M. M., Budaya, S. M., and Solovieva, N. K.
CULTURES OF THE ACTINOMYCETES OF THE
ACTINOPLANACEAE FAMILY. 3 Aug 62 [10]p. (figs.
refs. omitted).

Order from OTS or SLA \$1.10

62-18749

Trans. of Antibiotiki (USSR) 1962 (v. 7) no. 6,
p. 483-491

DESCRIPTORS: *Actinomycetes, Growth, *Spores,
Culture media, Antibiotics, *Bacteriostatic substances,
Identification.

1. Title: Actinoplanes
2. Title: Streptosporangium
- I. Talg, M. M.
- II. Budaya, S. M.
- III. Solovieva, N. K.

(Biological Sciences--Microbiology, TT, v. 9, no. 6)

Office of Technical Services

Experimental Study of the Antibiotic Activity of
Certain Substances of Natural Origin, by N. V.
Yermol'yeva, I. V. Ravich, S. M. Novashin, et al.,
17 pp.

RUSSIAN, per, Antibiotiki, Vol VII, No 7, 1962,
pp 571-581.

JPRS 15278

212,751

Sci. Med.

Oct 62

Action of the Antitumor
Tumor Cell Cultures (On the Mechanism of
the Antitumor Activity of Crutcin), by A. A.
Leykina, 10 pp.

RUSSIAN, per, Antibiotiki, Vol VII, No 7, 1962,
pp 582-587.

JPRS 15278

212,752

Sci. Med

Oct 62

Isolation and Properties of the New Antibiotic
323/58, Which Possesses Antitumor Action, by
Ye. B. Kruglyak, R. S. Ukholina, et al, 8 pp.

RUSSIAN, per, Antibiotiki, Vol. VII, No 7, 1962,
pp 588-593.

JPRS 15278

212,753

Sci - Med

Oct 62

Navashin, I. P. Fomina, 6 pp.

RUSSIAN, Per, Antibiotiki, Vol XXXVII, No 7,
1962, pp 594-597.

JPRS 15278

Sci - Med

Oct 62

212, 75-4

Systematic Position of Certain Actinomycetes Producing
Hepatogenic Antibiotics, by V. D. Kuznetsov, 10 pp.
RUSSIAN, per, Antibiotiki, No 8, 1962, pp 675-679.
NTIS TT 70-57135
NTC 12-13265-060

Jan 72

Certain Problems in Production and Science Encountered
in the Field of Antibiotics, by A. G. Estradze,
8 pp.

RUSSIAN, per, Antibiotiki, Vol VII, No 9,
1962, pp 771-775.

JPRS 16162

Sol - Mad

Nov 62

217,412

Radikalnaya Biblioteka (Radical Library)
Preparatsiya, by V. I. Pechapinskiy, Z. I.
Yermolova, 6 pp.

RUSSIAN, per, Antibiotiki, Vol XVII, No 9,
1962, pp 786-789.

JPRE 16162

Sci - Med

Nov 62

217, 4:2

CERTAIN CONTEMPORARY PROBLEMS OF THE GENETICS OF
MICROORGANISMS, BY S. I. ALIKHANYAN, S. Z. MINDLIN,
ET AL, 32 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VII, NO 9, 1962,
PP 841-852.

JPRS 17691

SCI - MED

FE 63

223,832

THE USE OF STREPTOMYCIN IN THE PREVENTION OF
ACUTE RADIATION SICKNESS, BY L. F. SEMENOV,
8 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VII, NO 10,
1962, PP 912-X916.

JPRS 16471

;SCI - MED

DEC 62

210,125

Inhibition of Resistance Development to Erythromycin
in *Staphylococci*, by T. M. Bass, 9 pp.

RUSSIAN, per. Antibiotiki, Vol VII, 1962, pp 1038-1042.

CIA/OSD MK-1480
NO FOREIGN DISSEM

Sci - Biol. & Med. Sci

Jan 64

USIB Internal Use Only

246,221

MORPHOLOGICAL ANALYSIS OF THE ACTION OF THE
ANTIBIOTICS OLIVOMYCIN AND KRUTSIN ON THE CELLS
OF THE ASCITIC FORM OF EHRlich'S TUMOR, BY
V. I. VOYKO, 15 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VII, NO 12,
1962, PP 1085-1080.

JPRS 17619

SCI - MED

FEB 63

223,454

Tsyganov, V. A., Golyakov, P. N., Malyshkina, M. A., Pursenko, M. V., and Filippova, A. I.
 THE CHARACTERISTICS OF THE ANTIBIOTICS
 PRODUCED BY ACTINOMYCES LEVORIS. [1963]
 [12p] Grefs FASEB Manuscript no.: S 181-3.
 Order from OTS, SLA, or ETC \$1.60 TT-63-24475

Trans. of Antibiotics (USSR) 1963, v. 8, no. 1,
 p. 29-33.

DESCRIPTORS: *Antibiotics, Drugs, *Actinomyces,
 *Fungicides, Chromatographic analysis,

(Biological Sciences--Pharmacology, TT, v. 11, no. 5)

TT-63-24475

1. Title: Levorin
2. Title: Levoristatin
- I. Tsyganov, V. A.
- II. Golyakov, P. N.
- III. Malyshkina, M. A.
- IV. Pursenko, M. V.
- V. Filippova, A. I.
- VI. FASEB-S-181-3
- VII. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VIII. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

EXPERIMENTAL STUDY AND CLINICAL USE OF ENDOZYME,
BY Z. V. YERMOL'YEVA, N. H. PEREN, I. PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VIII, NO 1, 1963,
PP 39-45.

JPRS 18533

SCI - BIOL-MED SCI

APR 63

227,429

The Efficacy of Antibiotics and Chem-Drugs With Relation
to the Time of Administration After Inoculating White
Mice With Brucellae; by E. I. Koltunovskiy, 6 pp.

FUSSELL, p.m., Antibiotics, Vol VIII, 1968, pp 46-49.

CIA/FDD XPL-1479
NO FOREIGN DISSEM

Sci - Biol & Med Sci
Jun 64

246, 220

USCIB Internal Use Only

Uraleva, V. S.
COLIMYCIN-RESISTANT FORMS OF BRUCELLA
MELITENSIS. [1963] [12p] 8refs FASEB manuscript
no. S 183-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13504

Trans. of Antibiotiki (USSR) 1963, v. 8, no. 1,
p. 49-53.

DESCRIPTORS: *Colimycin, *Brucella, Drugs,
Antibiotics, Sensitivity.

(Biological Sciences--Pharmacology, TT, v. 11, no. 8)

TT-64-13504

- I. Uraleva, V. S.
- II. FASEB-S-183-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D.C.
- IV. Scripta Technica, Inc.,
Washington, D.C.

Office of Technical Services

TT-64-13503

Chakhava, O. V.
 PENETRATION OF ANTIBIOTICS INTO HISTIOCYTIC
 MACROPHAGES AND THEIR EFFECT ON
 PHAGOCYTOSED BACTERIA. [1963] [12p] 19ref
 FASEB manuscript no. S 184-3.
 Order from OTS, SLA, or ETC \$1.60 TT-64-13503
 figs. available on loan from OTS
 Trans. of Antibiotiki (USSR) 1963, v. 8, no. 1,
 p. 55-57.

- I. Chakhava, O. V.
- II. FASEB-S-184-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

DESCRIPTORS: *Absorption (Biological), *Antibiotics,
 *Reticuloendothelial system, Drugs, Bacteria,
 Phagocytosis, Penicillins, Streptomycins,

(Biological Sciences--Pharmacology, TT, v. 11, no. 9)

Office of Technical Services

63-17756

Reshetov, P. D., Blinov, N. O., and Khokhlov, A. S.
CHROMATOGRAPHIC COMPARISON OF POLYMYCIN
WITH CERTAIN STREPTOTHRICIN ANTIBIOTICS.
[1963] 8p.

Order from ATS \$7.65

ATS-69Q69R

Trans. of ~~Antibiotiki~~ (USSR) 1963, v. 8, no. 1,
p. 104-110.

DESCRIPTORS: *Antibiotics, *Chromatographic
analysis, Drugs, *Streptomycin.

1. Title: Polymycin
2. Title: Streptothricin
- I. Reshetov, P. D.
- II. Blinov, N. O.
- III. Khokhlov, A. S.
- IV. ATS-69Q69R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

Office of Technical Services

TT-63-24501

Egorov, G. N.

THE DYNAMICS OF THE CHANGES IN THE TISSUE
OXIDATION-REDUCTION PROCESSES AFTER
PARENTERAL ADMINISTRATION OF STREPTOMY-
CIN. [1963] [10p] 6 refs FASEB manuscript no. S 286-3.
Order from OTS, SLA, or ETC \$1.10 TT-63-24501

Trans. of Antibiotics (USSR) 1963, v. 8, no. 2,
p. 144-147. (Abstract available)

DESCRIPTORS: *Oxidation-reduction reactions,
Tissues (Biology), Drugs, Antibiotics, *Streptomycins,
*Parenteral infusions, *Cytochrome oxidase.

A decrease in the dehydrating capacity of tissues and
an increase of the activity of tissue cytochrome oxidase
were observed after a triple parenteral administration of
streptomycin sulfate (25 milts/g once a day) to healthy
white mice. The increase can be considered as a com-
(Biological Sciences--Pharmacology, TT, v. 11, no. 5)

1. Egorov, G. N.
2. FASEB-S-286-3
11. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
17. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Therapeutic Effect of Neomycin in Experimental
Tularemia, by E. M. Tsvetkova.
RUSSIAN, per, Antibiotiki, Vol VIII, No 2, 1963, pp 152, 153.
9220102

USDA Tr WKK V-1897

Sci - Biol & Med SCI
Mar 64

251,281

Changes in Sensitivity of Colenteritis Pathogens
to Antibiotics and Nitrofurans in Dnepropetrovsk
in 1956-1961, by A. D.K Kovalenko, W. F. Gamalei, 9 pp.

RUSSIAN, par, Antibiotiki, Moscow, MEDIKHERX No 8,
1963, pp 283-287.

CIA/FDD XL-1457
No Foreign Dissem

Sci - Biol & Med Sci
Oct 63
USIB Internal Use Only

241, 301

A Study of Chlortetracycline Drugs by the
Method of Countercurrent Distribution, by
V. M. Baikina, V. B. Korchagin, 7 pp.

RUSSIAN, per, Antibiotiki, Vol VIII, No 4,
1968, pp 314-319.

ATS RJ-4172
n 27872R

Sci-Biol & Med Sci
Dec 63

244,891

Fractionation of Albofungin and the Antibiotic No. 660-
15, by G. S. Rozenfeld, 12 pp.
RUSSIAN, per, Antibiotiki, Vol 8, No 4, 1963,
pp 320-326.
NTIS TT 70-57136

Apr 72

Curariform Action of Colinyein, by
S. I. Kolotukhin.
RUSSIAN, per, Antibiotiki, Vol 8, No 4,
1963, pp 351-358.
HEW NIH
9-7-68

Sci/HEW
Nov 68

368,476

TT-63-20948

Voevodin, E. N.
THE PRODUCTION OF ANTIBIOTICS IN THE U.S.S.R.
(Proizvodstvo Antibiotikov v S. Sh. A.) [1963] 7p
Order from OTS, SLA, or ETC \$1.10 TT-63-20948

I. Voevodin, E. N.

Trans. of Antibiotiki (USSR) 1963, v. 8, no. 4,
p. 373-376.

(Biological Sciences--Pharmacology, TT, v. 11, no. 12)

Office of Technical Services

Moroz, A. P. and Shibaeva, I. V.
DEVELOPMENT OF BACTERIAL RESISTANCE TO
THE ERYTHROMYCIN GROUP OF ANTIBIOTICS.
[1963] [15p]
FASEB manuscript no. S 560-3.
Order from OES, SUI, or ETC \$1.00 TT-64-13433

Trans. of Antibiotics (USSR) 1963, v. 8, no. 4,
p. 449-456.

TT-64-13433

- I. Moroz, A. P.
- II. Shibaeva, I. V.
- III. FASEB-S-560-3
- IV. Federation of American
Societies for Experi-
mental Biology, Wash-
ington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences - Pharmacology, TT, v. 11, no. 11)

Office of Technical Services

Certain Peculiarities of the Adaptation Process to
Streptomycin in Various Strains of Pasteurella
Pestis on Nutrient Media, 9 pp.
RUSSIAN, per, Antibiotiki, Vol VIII, No 5, 1963,
pp 444-449. 9222786
US Army Biol Lab
Tr No 980

Sci - Biol & Med Sci
Jul 64

263,438

Sensitivity of Staphylococci Isolated in Kiev in 1961-1962,
to Certain Antimicrobial Drugs, by T. M. Bass, 10 pp.
RUSSIAN, per, Antibiotiki, No. V, 1963, pp 472-477.

CIA/FDD XX-1520

NO FOREIGN DISSEM

Sci - Biol & Med Sci

Apr 64

USIE Internal Use Only

253,373

Nucleotide composition of a penicillin-resistant
Staphylococcus Albus, by V. V. Ignatov. 8 pp.
RUSSIAN, per, Antibiotiki, Vol 8, No 6, 1963,
pp 503-507.
SLA TT-64-19247

Sci/B&M
Jul 66

303,836

Comparative efficacy of erythromycin and
Erythromycin Ascorbate in Experimental Meningitis,
by V. P. Imshenetskaya. 7 pp.
RUSSIAN, per, Antibiotiki, Vol 8, No 6, 1963,
pp 533-535.
SLA TT-64-19219

Sci/B&M
Jul 66

305,952

Effect of Antibiotics on the Lymphoid Organs of
Experimental Animals, by V. I. Goncharova. 12 pp.
RUSSIAN, per, Antibiotiki, Vol 8, No 7, 1963,
pp 604-609.
SLA TT-64-19292

Sci/B&M
Jul 66

305,951

Tissue Culture Investigation of Antivirus Properties of Actinomycetes Isolated From Ukrainian Soil, by N. M. Ozeryanskaya, N. A. Zadorozhnaya.

11 pp

RUSSIAN, per, Antibiotiki, Vol 8, No 7, 1963, pp 611-613.

SLA-TI-64-19293

Sci/B&M

Jul 66

305,928

THE USE OF RADIATION IN THE
RADIATION SICKNESS, BY A. N. DANKAA, et al.,
9 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VIII, NO 8, 1963,
PP 723-728.

JPRS 21189

SCI-BIOL-MED
OCT 63

344,402

84-68-31813-8.50
078-68-19216-8.50

TT-64-12065

Barkalaya, A. I. and Prokhorova, A. M.
THE TRANSPLACENTAL SIDE-EFFECTS OF
TETRACYCLINES ON THE RABBIT FETUS. [1963]
5p
Order from ATS \$6.95 ATS-56Q72R

Trans. of Antibiotics (USSR) 1963, v. 8, no. 8,
p. 728-732.

DESCRIPTORS: *Toxicity, *Placenta, Drugs,
*Embryos, Rabbits, *Tetracyclines.

I. Barkalaya, A. I.
II. Prokhorova, A. M.
III. ATS-56Q72R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

(Biological Sciences--Pharmacology, TT, v. 11, no. 3)

Office of Technical Services

Characteristics of Distribution of Antibiotics
in the Organs and Tissues of the Chick Embryo,
by T. M. Kokhanovskaya.

RUSSIAN, per, Antibiotiki, Vol 8, No 9, 1963,
pp 816-821.

ATS RJ-5506

Sci-ESM

June 70

S-998/63

Antimicrobial Activity of Phytoncicin, a Medicinal
Preparation From Garlic, by M. Ya. Spivak,
N. A. Argudayeva. (NY-7880)

RUSSIAN, per, Antibiotika, Vol VIII, No 9, 1963,
pp 832-833.

*JPRS

Sci - Biol & Med Sci
Oct 63

S-998/63

The Role of Hydrogen Ion Concentration in Studying
the Phytoncidal Effect of Tissue Juices, by
R. P. Firchuk. (NY-7880)

RUSSIAN, per, Antibiotika, Vol VIII, No 9, 1963,
pp 833-835.

*JPRS

Sci - Biol & Med Sci
Oct 63

The Production and a Comparative Study of
the Lactate and the Stereoisomers of
Cycloserine, by G. Ya. Kivlan and
N. M. Smol'nikova,
RUSSIAN, Izv. Antibiologii, Vol VIII, No 9,
1965, pp 845-860.
HLL RIS 3332
(On loan or Purchase)

Sci-86M
Apr 67

324,071

RISTOMYCIN, A NEW ANTIBIOTIC FOR INTRAVENOUS
INJECTION (STUDY OF ITS CLINICAL AND PHYSIOLOGICAL
EFFECTS ON PATIENTS WITH SEVERE INFECTIONS), BY
I. G. RUFANOV, YE. A. GOVOROVICH, ET AL , 5 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VII NO 3, 1963,
PP 886-889.

JPRS 21802

NO SC) - BIOL & MED SCI
NOV 63

242,096

A Comparative Study of Neomycin, Colimycin and
Mycerin by the Counter-current Distribution
Method, by V. M. Baikina, S. M. Mamiofe, T. N.
Rozanova, Z. T. Sinitina, M. D. Slugina, N. B.
Dzegilenko, 8pp
RUSSIAN, per, Antibiotiki, Vol 8, 1963, No 12,
pp 1059-1064
SIA TT-64-16109

Sci - Bio
May 67

326,625

Use of Aqueous Solutions of Polyvinylpyrrolidone to Prolong the
Action of Penicillin and Streptomycin, by A. V. Kotchetkova,
G. B. Berkengeym, et al, 8 pp.

RUSSIAN, per, Antibiotiki, Vol VIII, No 12, 1963, pp 1100-1105.

JPRS 22754

Sci-Biol & Med
Jan 64

247, 080

ARMY/Bio. Lab

T-559-1

R-8765-D

6 Oct 67

Title: On the Dynamics of Morphological Changes in the
Guinea Pig Organs After Administration of
Penicillin

By: Sevcrova

From: Antibiotiki, 9: pp 44-48, 1964

Russian - Est. for. wds.:

Please translate and type 1 camera ready copy.
Document can be cut. Please make cover as sample
attached. T-559-1

S-644/64

Symposium on Aerosols, by S. I. Eidel'shteyn.
(AP-7, p) SF-323/
RUSSIAN, per, Antibiotiki, Vol IX, No 5, 1964,
pp 472-475.
*JPRS

Sci - Biol/Med
Jun 64

Ekamoln Salt of Phenoxymethylpenicillin,
by E. I. Bishara, Ye. N. Lazareva, 8 pp.
RUSSIAN, per, Antibiotiki, Vol IX, No 5, 1964,
pp 403-408.
JPRS 25686

Sci - B & M
Aug 64

1964, 1349

Symposium on Aerosols, by S. I. Eydel'steyn, 5 pp.
RUSSIAN, per, Antibiotiki, Vol IX, No 5, 1964,
pp 472-475.
UPRS 25686

Sci - B & M
Aug 64

264,350

The Influence of Antibiotics of the Function of
the Adrenal Cortex of Guinea Pigs,
by N. A. Ozeretskovskiy, 7 pp.
RUSSIAN, per, Antibiotiki, Vol EK, No 6, 1964,
pp 528-532.
JPRS 26306

Sci - E & M
Sep 64

TT-64-41565

266,775

The Antibacterial Action of Tetracycline and
Furacillin, Individually and Combined, on Bacillus
Dysenteriae Sonne and Flexner in "In Vitro"
Experiments, by M. A. Kimel'blat, 8 pp.
RUSSIAN, per, Antibiotiki, Vol IX, No 6, 1964,
pp 532-537.
JPRS 26306

Sci- b 8m
Sep 64

266,776

Quantitative Determination of 6-Azasauracil
Riboside, by V.Bulant and M.Urks.
RUSSIAN, per, Antibiotiki, Vol.9, No.6,
pp.545-551, 1964.
SIA-TT-66-11646.

Aug 66

309,237

The Problem of the Continuous Cultivation of
Microorganisms -- Producers of Antibiotics, 18 pp.
RUSSIAN, par, Antibiotiki, Vol IX, No 77, 1964, pp 565-572.
CFSTI TT-66-10885-

Sci- Biol
Jul 66

305,336_

Further Experiments on Chemotherapy in the
Treatment of Radiation Sickness, by M. A.
Tumanyan, A. V. Izvekova, 6 pp.

RUSSIAN, per, Antibiotiki, No Vol IX, No 8,
Aug 64, pp 719-722.

JPRS 27220

Sci-Biol & Med
Jan 65

271,234

New Method of Isolating Fumagillin. Potassium
Salt and its Biological Properties, by M.N.
Semenov, A.B. Silaev.
RUSSIAN, per, Antibiotiki, Vol. 9, No. 4, 1964,
pp 311-314
NRC/C-5385

Sci -
Aug 67 335-571.

ARMY/Bio. Lab T-557-1

R-8763-D
6 Oct 67

Title: The Effect of Penicillin on the Content of Nucleic
Acids in Vital Organs in Experimental
Streptococcal Infection

By: Zakharova
From: Antibiotiki, 9:pp 646-648, 1964

Russian - Est. for. wds.:

Please translate and type 1 camera ready copy.
Document can be cut. Please make cover as sample attached.
T-557-1

Radiation Sterilization of Preparations of the
Tetracycline Group and of Some Other Antibiotics,
by V. I. Pochapinskiy, et al, 7 pp.

RUSSIAN, per, Antibiotiki, Vol IX, No 10,
1964, pp 926-930.

JPRS 27558

Sci-Biol Med
Jan 65

JPRS 27587
XXXXXXXXXX 272,091

Penicillins Sterilization With Gamma Radiation
of radioactive Cobalt (Co^{60}), by S. M. Chaykovskaya,
et al.

RUSSIAN, per, Antibiotiki, Vol IX, No 10, 1964,
pp 930-932 .

JPRS 27558

Sci-Biol and Med
Jan 65

X 272,092

Biochemical Mechanisms of the Antibiotic Action¹
by F. G. Gauze, 7 pp.

RUSSIAN, per, Antibiotiki, Vol IX, No 10,
1964, pp 946-950.

JPRS 27558

Sci-Biol&Med
Jan 65

272,093

A Study of Green Pigments From Some Actin-
omycetous Species by the Method of Paper
Chromatography, by T. P. Precbrazhenskaya
RUSSIAN, per, Antibiotikiy, Vol. 9, no. 11
1964, pp. 963-970.
8CFSTI TI 70-57137

Sci/b&m
Mar 70

Antibiotics - Experimental Clinical Study, by Z. V.
Yermol'yeva, 7 pp.

RUSSIAN, 98 bk, Antibiotiki - Eksperimental'no
Klinicheskoye Izucheniye, Moscow, 1956, pp 411-418.

US JPRS 14-626-N

Sci - Medicine
Feb 59

81,576

62-15156

Gorodetskaya, A. V.
EXTRACTION METHODS FOR THE PURIFICATION
OF ANTIBIOTICS (Ekstraktsionnye Metody Ochliski
Antibiotikov) tr. by H. Crawford. [1961] [27]p.

65 refs. [NIH] no. 6.

Order from CTS or SLA \$2.60

62-15156

Trans. of Antibiotiki. Sbornik Perevodov. Obzorov i
Referatov Inostranno Periodicheskoi Literatury
(USSR) 1955, v. 8 [no. 1] p. 3-13.

DESCRIPTORS: *Antibiotics, Purification, Solvent
extraction.

Literature of non-Soviet commercial undertakings
(patents, etc.) is reviewed.

- I. Gorodetskaya, A. V.
- II. NIH-6
- III. Pergamon Inst. (Gt. Brit.)

(Biological Sciences--Biochemistry, TT, v. 7, no. 12)

Office of Technical Services

62-15154

Rautenshtein, Ya. I.
THE PHAGE PROBLEM IN THE PRODUCTION OF
ANTIBIOTICS (Problema Fagil v Antibioticheskoj
Promyshlennosti) tr. by R. Cawford. [1961] [22]p.
31 refs. [NH-] 8.
Order from OTS or SLA \$2.60 62-15154

Trans. of Antibiotiki. Sbornik Perevodov, Obzorov
i Referatov Inostrannoj Periodicheskoj Literatury
(USSR) 1955, v. 8, [no. 4] p. 3-11.

DESCRIPTORS: *Bacteriophages, *Culture media,
Viruses, Age, *Bacteria, Lysines, *Antibiotics,
Production.

A literature survey.

(Biological Sciences--Microbiology, TT, v. 8, no. 2)

- I. Rautenshtein, Ya. I.
- II. NH-8
- III. Pergamon Inst. (Gt. Brk.)

Office of Technical Services

Use of Antibiotics in Agriculture, by
Z. V. Ermol'eva.

RUSSIAN, bk, Antibiotiki v sel'skom khoziaistve
i pishchevoi promyshlennosti. Izdatel'stvo
Inostrannoi Literatury, Moskva, 1954.

USDA.

Scientific - Biology
CPS 72/Sep 1955

26,816

Antifriction Porous Alloys, by Ye. F. Merkulov,
70 pp.
RUSSIAN, rpt. Antifraktsionnyye Poristyye Splavy.
F100366367-7.
FTD-MT-65-306

Sci-Mat
Dec 67

346,796

Antimatter, by N. A. Vlasov,
RUSSIAN, bk, Antiveshchestvo.
*CB

Oct 66

T/C of
RUSSIAN, per, Aplikace Matematiky, Vol II, N 4, 1957

FDD/X-2920

T/C of

RUSSIAN, per, Aplikace Matematiky, Vol II, No 5, 1957

FDD/X-2920